



**STATISTISCHES TELEGRAMM
STATISTICAL TELEGRAM
TELEGRAMME STATISTIQUE**

STATISTICAL ASPECTS OF THE NATURAL GAS ECONOMY IN 1980

Community production of natural gas declined by 7 % in 1980 and despite a further 18 % surge in imports from third party countries, Community availabilities of natural gas declined by 2.7 % in 1980 the first ever recorded decline.

Structure of Natural gas supply

1980 further underlined the continuing restructuring of natural gas supply for the Community. In 1970 imports of natural gas from third party countries accounted for only 2 % of total Community natural gas availabilities but in 1980 this supply category represented over one quarter of total natural gas available.

During 1980, Norwegian supplies of natural gas in particular increased rapidly to recipient Member states such that Norwegian gas accounted for 52 % of all third party imports in 1980 compared to 47 % in 1979, and approximately 13 % of total gas available. With Algerian and Libyan supply of LNG down on 1979 levels, the remaining increase in third party imports came from the bringing on stream of deliveries of Russian gas to France from the beginning of the year. Russian gas accounted for 40 % of imports from third party countries in 1980, equivalent to about 10 % of total Community natural gas available. It is important to note that there are compensating import changes between Italy and France (i.e. large Italian increase of supplies from the Netherlands and decline from third party countries (mainly Russia) with the inverse for France, decrease from the Netherlands and increase from Russia) due in large part to the start-up of real deliveries to France of Russian gas and the phasing-out of the exchange contracts for natural gas between the countries.

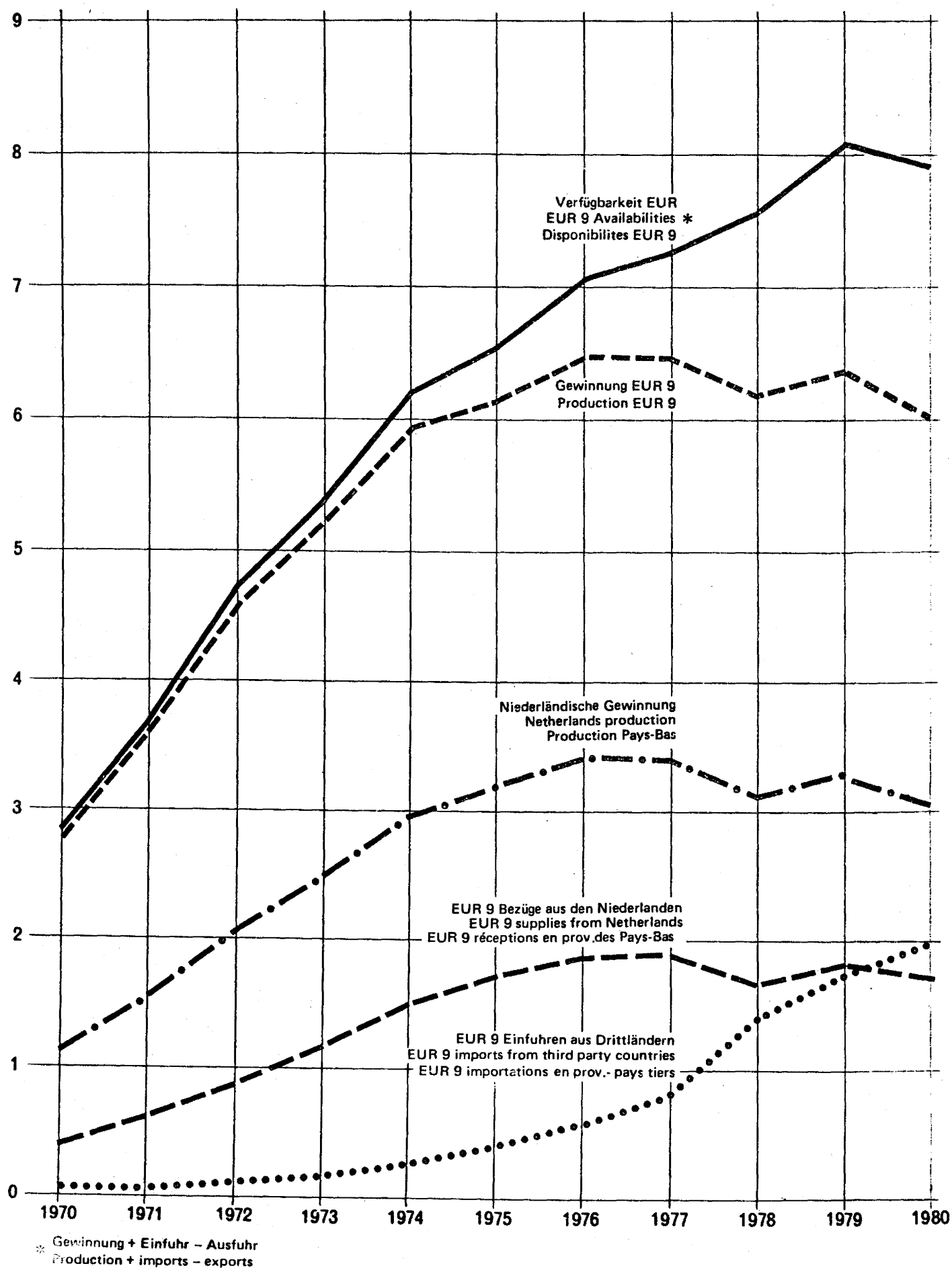
Consumption patterns of natural gas in 1980

Preliminary judgement of the consumption pattern in 1980 suggests that the 2.7 % decline in Community availabilities were mainly due to fuel switching in thermal power stations of public supply, where demand for natural gas fell by about 17 % in 1980 or 190 thousand TJ (GCV). With the index of industrial production (excluding building) showing a very slight fall in 1980, this suggests that any change in the consumption of gas in the industrial and household sectors in 1980 would be firstly, compensating and secondly, of a small amount.

Among member states, taking into account stock changes, particularly sharp falls in consumption are noted for the Netherlands, Belgium and the United Kingdom. In France and Italy gross inland consumption of natural gas will be at similar level to that recorded in 1979, whilst in the FR Germany consumption declined by about 2 % in 1980.

10⁶ Terajoule

EUR 9



NATURGAS

Vorläufige Angaben

NATURAL GAS

Provisional data

GAZ NATUREL

Données provisoires

	EUR 10	BR Deutschland	France	Italia	Nederland	Belgique België	Luxembourg	United Kingdom	Ireland
Gewinnung 1 000 Terajoule (Ho)									
				Production 1 000 Terajoule (GCV)				Production 1 000 Terajoules (PCS)	
1978	6 192,6	720,0	307,1	526,0	3 120,2	1,3	-	1 517,6	0,4
1979	6 396,1	729,5	303,4	515,8	3 292,7	1,3	-	1 532,8	20,6
1980	5 966,3	669,1	292,8	462,0	3 101,6	1,7	-	1 404,5	34,6
1979/78	+ 3,3%	+ 1,3%	- 1,2%	- 1,9%	+ 5,5%	-	-	+ 1,0%	(+)
1980/79	- 6,7%	- 8,3%	- 3,5%	- 10,4%	- 5,8%	+ 30,8%	-	- 8,4%	+ 67,9%

Bezüge aus den Niederlanden 1 000 Terajoule (Ho)				Supplies from the Netherlands 1 000 Terajoule (GCV)				Réceptions en prov. des Pays-Bas 1 000 Terajoules (PCS)	
1978	1 670,3	718,1	451,4	138,7	-	341,0	21,1	-	-
1979	1 847,9	818,9	482,4	164,5	-	360,2	21,9	-	-
1980	1 784,1	795,6	388,1	252,7	-	328,1	19,6	-	-
1979/78	+ 10,6%	+ 14,0%	+ 6,9%	+ 18,6%	-	+ 5,6%	+ 3,8%	-	-
1980/79	- 3,4%	- 2,8%	- 19,5%	+ 53,6%	-	- 8,9%	- 10,5%	-	-

Einführen aus Drittländern 1 000 Terajoule (Ho)				Imports from third-party countries 1 000 Terajoule (GCV)				Importations en prov. des pays tiers 1 000 Terajoules (PCS)	
1978	1 410,9	505,5	185,9	403,4	61,9	54,9	-	199,3	-
1979	1 708,6	611,2	202,2	398,4	72,7	75,5	-	348,6	-
1980	2 020,3	714,0	367,7	298,6	133,1	85,5	-	421,4	-
1979/78	+ 21,1%	+ 20,9%	+ 8,8%	- 1,2%	+ 17,4%	+ 37,5%	-	+ 74,9%	-
1980/79	+ 18,2%	+ 16,8%	+ 81,8%	- 25,0%	+ 83,1%	+ 13,2%	-	+ 20,9%	-

VERFÜGBARKEIT *)				GAS AVAILABLE *)				DISPONIBILITES *)	
1 000 Terajoule (Ho)				1 000 Terajoule (GCV)				1 000 Terajoules (PCS)	
1978	7 572,6	1 933,6	944,4	1 068,1	1 490,9	397,2	21,1	1 716,9	0,4
1979	8 080,5	2 146,2	988,0	1 078,7	1 506,7	437,0	21,9	1 881,4	20,6
1980	7 860,6	2 088,3	1 048,6	1 013,3	1 415,0	415,3	19,6	1 825,9	34,6
1979/78	+ 6,7%	+ 11,0%	+ 4,6%	+ 1,0%	+ 1,1%	+ 10,0%	+ 3,8%	+ 9,6%	(+)
1980/79	- 2,7%	- 2,7%	+ 6,1%	- 6,1%	- 6,1%	- 5,0%	- 10,5%	- 2,9%	+ 67,9%

Anteil gedeckt von				Proportion accounted for by				Part couverte par	
- binnenländischem Gas				- indigenous gas				- le gaz indigène	
1978	81,4%	36,7%	32,5%	49,2%	95,8%	0,3%	-	88,4%	100 %
1979	78,9%	33,4%	30,7%	47,8%	95,2%	0,3%	-	81,5%	100 %
1980	74,3%	29,7%	27,9%	45,6%	90,6%	0,4%	-	76,9%	100 %
- niederländischem Gas				- Netherlands gas				- le gaz néerlandais	
1978	(40,9%)	37,1%	47,8%	13,0%	(95,8%)	85,9%	100 %	-	-
1979	(40,4%)	38,1%	48,8%	15,3%	(95,2%)	82,4%	100 %	-	-
1980	(39,1%)	38,1%	37,0%	24,9%	(90,6%)	79,0%	100 %	-	-
- Einführen aus Drittländern				- imports from third-party countries				- importations en prov. des pays tiers	
1978	18,6%	26,2%	19,7%	37,8%	4,2%	13,8%	-	11,6%	-
1979	21,1%	28,5%	20,5%	36,9%	4,8%	17,3%	-	18,5%	-
1980	25,7%	32,2%	35,1%	29,5%	9,4%	20,6%	-	23,1%	-

*) Gewinnung + Einführen - Ausfuhren

*) Production + imports - exports

NATURGAS

NATURAL GAS

GAZ NATUREL

Einführen aus Drittländern

Imports from third-party countries

Importations en prov. des pays tiers

1000 Terajoule (Ho)

1000 Terajoule (GCV)

1000 Térajoules (PCS)

	E U R 10	BR Deutschland	France	Italia	Nederland	Belgique België	United Kingdom
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1978

NORWAY	559,1	39,6 %	203,6	68,1	-	61,9	54,9	170,6
ALGERIA	146,2	10,4 %	-	117,5	-	-	-	28,7
LIBYA	94,9	6,7 %	-	-	94,9	-	-	-
USSR	610,4	43,3 %	301,9	-	308,5	-	-	-
OTHERS	0,2	0,0 %	-	0,2	-	-	-	-
TOTAL	1 410,8	100 %	505,5	185,8	403,4	61,9	54,9	199,3

1979

NORWAY	810,0	47,4 %	259,9	78,3	-	72,7	75,5	323,6
ALGERIA	144,4	8,5 %	-	119,4	-	-	-	25,0
LIBYA	80,7	4,7 %	-	-	80,7	-	-	-
USSR	672,3	39,3 %	351,3	3,3	317,7	-	-	-
OTHERS	1,2	0,1 %	-	1,2	-	-	-	-
TOTAL	1 708,6	100 %	611,2	202,2	398,4	72,7	75,5	348,6

1980

NORWAY	1 047,4	51,8 %	334,8	104,9	-	133,1	85,5	389,1
ALGERIA	114,5	5,7 %	-	82,2	-	-	-	32,3
LIBYA	52,2	2,6 %	-	-	52,2	-	-	-
USSR	805,3	39,9 %	379,2	179,7	246,4	-	-	-
OTHERS	0,9	0,0 %	-	0,9	-	-	-	-
TOTAL	2 020,3	100 %	714,0	367,7	298,6	133,1	85,5	421,4